

JURISPRUDENCE

Thursday

The Relationship Between Forensic Science Standards and Justice

Moderator: Lynn Garcia, JD

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| 8:00 AM – 8:30 AM | G1 | The Use of Forensic Science Standards in the Legal Process: An Update
<i>Dana Delger, JD*</i> ; <i>John Paul Jones, BS, MBA*</i> |
| 8:30 AM – 9:00 AM | G2 | Standards on the OSAC Registry—Improving Justice for All
<i>Mark D. Stolorow, MS, MBA*</i> ; <i>Vincent Desiderio, Jr., MSFS*</i> ; <i>John Paul Jones, BS, MBA</i> ;
<i>Allison Getz, MS</i> ; <i>Steven L. Johnson, BS</i> |
| 9:00 AM – 9:30 AM | G3 | The Benefits of a Coherent System of Forensic Standards: From the Classroom to the Courtroom
<i>Vincent J. Desiderio, MS*</i> ; <i>Mark D. Stolorow, MS, MBA*</i> ; <i>John Paul Jones, BS, MBA</i> ;
<i>Allison Getz, MS</i> ; <i>Steven L. Johnson, BS</i> |
| 9:30 AM – 10:00 AM | G4 | Cross-Examining Experts on Standards and Other Authoritative References
<i>Terry-Dawn Hewitt, JD, LLM*</i> |
| 10:00 AM – 10:15 AM | | BREAK |

The Critical Roles of Prosecutors and the Judiciary

Moderator: M.J. Menendez, JD

Co-Moderator: Mary Dayton, JD

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| 10:15 AM – 10:45 AM | G5 | “Fairness for for All”: A Discussion of the Evolution of Legal Principles and Practical Systems Designed to Ensure Fairness in Forensic Testimony and in the Criminal Justice System as a Whole (this presentation will be given via pre-recorded video)
<i>John Haried, JD*</i> |
| 10:45 AM – 11:15 AM | G6 | Using Forensic Science to Speak for a Victim Who Was Unjustly Silenced in Murder
<i>Valeria N. Spencer, JD*</i> |
| 11:15 AM – 11:45 AM | G7 | A Critical Re-Examination
<i>Barbara P. Hervey, JD*</i> |
| 11:45 AM – 12:15 PM | G8 | Why Judges Won’t Be Gatekeepers
<i>Donald E. Shelton, JD, PhD*</i> |
| 12:15 PM – 1:15 PM | | BREAK |

Effective Governance and New Resources for Guarding Against Wrongful Conviction

Moderator: Paul Messner, JD

Co-Moderator: Sarah Chu, PhD

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| 1:15 PM – 1:45 PM | G9 | Polygraph Testing and Wrongful Conviction
<i>Tania C. Brief*</i> ; <i>Lauren Gottesman*</i> |
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1:45 PM – 2:15 PM	G10	Are Courts Convicting People in Traffic Accident Cases Based on Questionable Data From Crash Data Recorders? <i>Peter Alexander, PhD*</i> ; <i>Brendan Bourdage, PhD</i> ; <i>John Smith, MSEE, PE</i>
2:15 PM – 2:45 PM	G11	Wrongful Convictions Demonstrate the Need for Governance Improvements in Forensic Science <i>John Morgan*</i>
2:45 PM – 3:00 PM	G12	The National Association of Forensic Science Boards: A Collaborative Effort for State-Level Forensic Oversight <i>Leigh M. Tomlin, JD*</i> ; <i>Lynn Garcia, JD</i> ; <i>John Morgan</i> ; <i>Marna L. McLendon, JD, MFS</i>
3:00 PM – 3:20 PM	G13	Preparing for Court: The Research Forensic Library as a New Resource for the Forensic Legal Community <i>Jeff Teitelbaum*</i> ; <i>Gerald LaPorte, MSFS</i>
3:20 PM – 3:30 PM		BREAK

Statistical Concepts, Emerging Technologies, and Our Collective Duty to Correct

Moderator: Terri Rosenblatt, JD

Co-Moderator: Akilah Mance

3:30 PM – 4:00 PM	G14	The Real Action at Court Has Always Been Activity <i>Tim Kalafut, PhD*</i>
4:00 PM – 4:30 PM	G15	Presumption of Innocence, Probable Cause, and Prior Probability—Bayes Meets Due Process <i>Michael J. Salyards, PhD, MFS*</i>
4:30 PM – 5:00 PM	G16	Preventing and Correcting DNA Errors and Wrongful Convictions <i>Greg Hampikian, PhD*</i>
5:00 PM – 5:30 PM	G17	Forensic Genetic Genealogy and the Court System—Where Are We Going? <i>Colleen M. Fitzpatrick, PhD*</i>

Friday

Poster Session

11:30 AM – 1:00 PM	G18	The Incidence of Expert Testimony Within Federal Sentences in the Criminal Justice System of Mexico <i>Fernanda Lopez-Escobedo, PhD*</i> ; <i>Zoraida García-Castillo, PhD</i> ; <i>Karla I. Vázquez-Barrera, JD</i> ; <i>N. Sofía Huerta-Pacheco, PhD</i>
11:30 AM – 1:00 PM	G19	Gender Inequality and Medical Malpractice: A Sneaky Oversight <i>Julia Lazzari, MD*</i> ; <i>Naomi Iacoponi, MD*</i> ; <i>Ilaria Marcacci, MD</i> ; <i>Chiara Casula, MD</i> ; <i>Rebecca Pieretti, MD</i> ; <i>Arianna Baronti, MD</i>
11:30 AM – 1:00 PM	G20	A Difficult Patient to Frame: An Overview of Critical Issues in the Management of the Psychiatric Patient After the Closure of Judicial Psychiatric Hospitals in Italy <i>Carla Occhipinti, MD*</i> ; <i>Naomi Iacoponi, MD*</i> ; <i>Julia Lazzari, MD</i> ; <i>Giacomo Visi, MD</i> ; <i>Benedetta Nardi, MD</i>

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- 11:30 AM – 1:00 PM **G21** **Post-Conviction DNA Testing: Annual Summary of an Innocence Project and University Collaboration to Identify and Evaluate Post-Conviction Cases**
*Katherine A. Roberts, PhD**; *Paula Mitchell, JD*; *Paige McGrail, JD*; *Eliza Haney, JD*;
Ayesha Hussain, JD; *Hilary Morman, JD*; *Mehul Anjaria, BS, MS*
- 11:30 AM – 1:00 PM **G22** **Workplace Violence Against Health Care Workers: An Umbrella Review of Systematic Reviews and Meta-Analyses**
*Giovanni Aulino, MD**; *Flavia Beccia, MD*; *Maria Francesca Rossi, MD*; *Carlotta Amantea, MD*;
Francesca Cittadini, PhD; *Antonio Oliva, PhD*
- 11:30 AM – 1:00 PM **G23** **The Positive Impact of Clinical Forensic Medicine Units on Profiles of Medicolegal Cases for Insight and Reviewing Strategies to Plan Against Crime**
*Rajender Kumar, MBBS, MD**; *Mukta Kumar, MBBS, MD**; *Munish Sharma, MBBS MD*;
Umesh Modi, MBBS, MS; *Nitika Saini, MBBS, MD*
- 11:30 AM – 1:00 PM **G24** **The Impact of Post-Traumatic Stress Disorder (PTSD) on Those Seeking Asylum**
*Hasna M. Sheikh, LLM**; *Elsbeth Guild*; *Nicholas P. Lemos, PhD*
- 11:30 AM – 1:00 PM **G25** **Legal Tools to Advocate for Forensic Standards in Missing Persons' Cases**
*Maria Nectaria Antoniou, LLM, MSt**; *Vaughn Rossouw, LLM, LLB**; *Stephen A. Fonseca, BTech*;
Pierre Guyomarc'h, PhD
- 11:30 AM – 1:00 PM **G26** **Guidelines for the Judicial Assessment of Expert Evidence in the Mexican Legal System**
*Zoraida García-Castillo, PhD**; *Fernanda Lopez-Escobedo, PhD*; *Anahy Rodriguez-González, PhD*
- 11:30 AM – 1:00 PM **G27** **Exploring the Contours of Bridging the Gap Between Forensic Science and Law in India**
*Pancham Preet Kaur, LLM**
- 11:30 AM – 1:00 PM **G28** **Challenging Scientists: A Three-Tier System for Educating Lawyers in Forensic Techniques**
*Dinkar Vr, LLM, PHD**

Understanding Our Limits: Study Design, Black Boxes, and the Trouble With Inconclusives

Moderator: Meredith Coon

- 8:00 AM – 8:30 AM **G29** **An FBI Laboratory Decision Analysis “Black Box” Studies in Pattern Evidence Examinations**
*Gene Peters**
- 8:30 AM – 9:00 AM **G30** **Error Rate Studies: The Good, the So-So, and the Unacceptable**
*Kori Khan, MD**; *Alicia Laura Carriquiry, PhD*
- 9:00 AM – 9:30 AM **G31** **Inconclusive Decisions and Error Rates in Forensic Science**
*Henry J. Swofford, MSFS, PhD**; *Steven Lund, PhD*; *Hariharan Iyer, PhD*; *John M. Butler, PhD*;
Johannes Soons, PhD; *Robert M. Thompson, MFS, BS*; *Vincent Desiderio, Jr., MSFS*;
John Paul Jones, BS, MBA; *Robert Ramotowski, MS*
- 9:30 AM – 10:15 AM **G32** **A New Black Box Study—Part I: The Accuracy of Latent Print Examiners: What More Do We Know in a Decade?**
*R. Austin Hicklin, PhD**; *Nicole M. Richetelli, PhD**; *AshLee Taylor, MS**;
*JoAnn Buscaglia, PhD**

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10:15 AM – 10:45 AM **G33** **A New Black Box Study—Part II: Bullets (NIST/Noblis)**
*R. Austin Hicklin, PhD**; *Nicole M. Richetelli, PhD*; *Melissa Taylor, MS*;
Robert Thompson, MS

10:45 AM – 11:00 AM **BREAK**

The Role of Medical Professionals and Digital Multimedia Evidence in Ensuring Justice

Moderator: Nicolas Hughes, JD, MS

Co-Moderator: Leigh Tomlin, JD

11:00 AM – 11:30 AM **G34** **In a Manner of Speaking: A Medical and Legal Perspective on the Problem of Manner of Death Testimony in Criminal Trials and What We (All) Should Be Doing About It**
*Allison Lewis, JD, BA**; *Andrew Baker, MD**

11:30 AM – 12:00 PM **G35** **Misleading Sexual Assault Nurse Examiner (SANE) Testimony in Child Sexual Abuse Cases**
*Nancy R. Downing, JD**

12:00 PM – 12:30 PM **G36** **Modeling Influences on the Understanding of Digital and Multimedia Evidence (DME) by Attorneys and Digital Forensic Examiners (DFE) Within the United States Criminal Justice System**
*Joseph Levi White, PhD**

12:30 PM – 1:45 PM **BREAK**

History and Current State of DNA Mixture Interpretation (for Lawyers)

Moderator: Dawn Boswell, JD

Co-Moderator: Jarrah Kennedy, MSFS

1:45 PM – 2:15 PM **G37** **DNA Mixture Interpretation: A History of Field and NIST Foundation Study Findings**
*John M. Butler, PhD**

2:15 PM – 3:15 PM **G38** **DNAmix 2021: Inter-Laboratory Variation in the Interpretation of DNA Mixtures**
*R. Austin Hicklin, MA, BA**; *Jonathan Davoren, MSc**; *Nicole M. Richetelli, PhD*;
Robert Bever, PhD

3:15 AM – 3:30 PM **BREAK**

Human Factors in Forensic DNA Interpretation: Strategies for Effective Implementation

Moderator: Dawn Boswell, JD

Co-Moderator: Jarrah Kennedy, MSFS

3:30 PM – 4:00 PM **G39** **An Overview of the NIST/NIJ Expert Working Group on Human Factors in Forensic DNA Interpretation Report**
*Melissa Taylor**; *Nikola Osborne, PhD**

4:00 PM – 4:45 PM **G40** **Improving Forensic DNA Interpretation Protocols and Reports Through the Implementation of Human Factors Recommendations**
*Britton Morin, MSFS**; *Nikola Osborne, PhD*